, , , , , , , , , , , , , , , , , , , ,	0 15 1011 10155/01 (00-05), DECLA	ARATION FOR UTILITY OR DESIGN PATENT APPLICATION									
DECLARATION AND	Attorney Docket Number	21500									
POWER OF ATTORNEY FOR UTILITY OR DESIGN	First Named Inventor	Janine T. Bryan, et al.									
PATENT APPLICATION	<i>C</i> /	COMPLETE IF KNOWN									
(37 CFR 1.63)	Application Number										
Declaration Submitted Submitted after Initial	Filing Date										
with Initial OR Filing (surcharge Filing (37 CFR 1.16 (e)) required)	Group Art Unit										
	Examiner Name										
My residence, mailing address, and citizenship are as I believe I am the original, first and sole inventor (if names are listed below) of the subject matter which i OPTIMIZED EXPRESSION OF HPV 45 L1 IN YEAS	fonly one name is listed below is claimed and for which a pate	Name and the latest the same and the									
	(Title of the Invention) f the Invention noted above										
bears the Attorney Docket Number and Title of the Invention noted above OR is attached hereto OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.											

certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date **Priority Claimed?** Number (s) Country (MM/DD/YYYY) Attorney Docket Number YES NO Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. **Filing Date** Application Number(s) (MM/DD/YYYY) Attorney Docket Number 60/506,812 09/23/2003 21500PV

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's

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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating is not disclo 35 U.S.C. 1	the United States of Americs sed in the prior United State 12, I acknowledge the duty 5 which became available be	:a, liste :s or PC to discl	d belov CT inter lose inf	v and, ins mational ormation	ofar as the application known to	subject : n in the n me to be	matter nanner mater	of each rprovide ial to pat	of the d by the entabi	claims o ne first p lity as de	f this application aragraph of			
	U.S. Parent Application or PCT I	arent		· T		nt Filing D		- 1		Parent l	Patent Number			
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Addition	al U.S. or PCT international ap	plicatio	n numb	ers are liste	ed on a supp	lemental	priority	data shee	t PTO	SB/02B a	attached hereto.			
As a named inventor, I hereby appoint, respectively and individually, as my attorney(s) or agent(s) with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: Practitioners Associated with the Customer Number OR														
	OR X Registered practitioner(s) named below													
	Name		Registr				Na	me			Registration Number			
Alysia A. Finn	egan	48,87	78		JoAnn	e M. Gie	sser			:	32,838			
								-						
Direct all con	respondence to: X Custo	mer N	umber	000	210									
Name	Alysia A. Finnegan	-												
Address	Merck & Co., Inc Patent	Departi	ment											
Address	P.O. Box 2000, RY60-30													
City	Rahway				State	tate NJ ZIP				07065-0907				
	USA				732)594-25			Fax	- 1	` '	94-4720			
the like so m	are that all statements made ieved to be true; and further ade are punishable by fine o ze the validity of the applica	that th r impri	ese stat sonmer	tements w nt. or both	ere made Lunder 18	with the l	knowl	edge that	willfi	ıl false s	tatements and			
	r First Inventor:				Ар	etition h	as been	n filed fo	r this u	ınsigned	inventor			
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anine T.	<u></u>				Bryan				_					
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Residence:	Furlong	s	tate	——— PA	Cour	try US			Citiza	enship	TTC			
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Additional i	nventors are being named on the	ne <u>1</u>	_ supple	mental Ad	ditional Inv	entors(s)	sheet(s	PTO/SB/	02A at					

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

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		Joint Inventor, if any:	_}				A p	etitic	n has	been file	d for	this uns	igned	inventor		
Giv Michelle K	ven N	ame (first and middle	[if any	1)			Family Name or Surname									
	т-						Brownlo	w								
Inventor's Signature		Michelle K.	Bi	m	lo	J				Date	е	075en2004				
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City		West Point			Sta	te I	PA	ZI	P 19	486		Cou	ntry	U.S.A.		
		oint Inventor, if any:				[Арс	etitio	n has i	een file	d for tl	nis umsi	gned i	nventor		
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Loren D.		- 6 /				. !	Schultz									
Inventor's Signature		Im.	*/		h	es				Date	6	17/	10	1 2004		
Residence: City	Harl	eysville	State	PA		1	Count	ry U	īs		Cit	izensh	ip U	s		
Mailing Address	Merck Research Laboratories, Summeytown Pike, P.O. Box 4															
City		West Point		s	tate	PA	2	ZIP	1948	6		Cou	ıtry	U.S.A.		
		oint Inventor, if any:					A petition has been filed for this unsigned inventor									
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Kathrin U.						J:	ansen									
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Jily	Doyl	estown	State	PA			Country US					Citizenship DE				
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City		West Point				Sta	te PA	2	ZIP	9486		Coun	try	U.S.A.		
ame of Addition	al Joi	int Inventor, if any:					A peti	tion I	has be	en filed:	for this	unsign	ed in	ventor		
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DECLARATION AND			ney Docket Number	21500	0								
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PATENT APPL	ICATION		CO	OMPLE	ETE IF KNOWN								
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Declaration Submitted	Declaration Submitted after Initial	Filing	Date			_							
with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e))	1	Art Unit										
	required)	Exami	iner Name					ل					
As a below named inventor	. I hereby declare tha	nt:											
My residence, mailing addre			l below next to my nam	ne.									
I believe I am the original, fi names are listed below) of th							plural						
OPTIMIZED EXPRESSION	names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: OPTIMIZED EXPRESSION OF HPV 45 L1 IN YEAST												
the specification of which	the execution of which (Title of the Invention)												
bears the Attorney Doc	cket Number and Title	of the In	vention noted above										
OR is attached hereto													
OR was filed on (MM/DD/	~~~~ [as United States An	plication	n Number or PCT Internat	ional							
							-)						
Application Number I hereby state that I have rev			ended on (MM/DD/YY) ents of the above identif	_		pplicable aims, as	e).						
amended by any amendment	specifically referred to	o above.											
I acknowledge the duty to di as defined in 37 CFR 1.56, i the filing date of the prior ap	ncluding for continuat	ion-in-pa	art applications, materia	al inform	nation which became avails	able betv	veen						
I hereby claim foreign priorit	y benefits under 35 U.	S.C. 119	(a)-(d) or (f), or 365(b)	of any i	foreign application(s) for p	atent or	inven	tor's					
certificate(s), or 365(a) of an America, listed below and ha	ve also identified belo	w, by ch	ecking the box, any fore	eign app	olication for patent or inver	ntor's cer		te(s),					
or of any PCT international a	application having a file	ing date			n which priority is claimed								
Prior Foreign Application Number(s)	Country		Foreign Filing Dat (MM/DD/YYYY)		Attorney Docket Number	YES	ity Clai	imed? NO					
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Additional foreign applic I hereby claim the benefit unde			lemental priority data shee										
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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby clair designating the is not disclos 35 U.S.C. 11 37 CFR 1.56 date of this a	he Unite ed in the 2, I ackr which	d States of A prior United nowledge the became avail	America, d States of duty to	listed or PC' disclo	below a T internose infor	and, inso ational a mation l	ofar as the application of the contract of the	e su on i	ubject main the ma e to be m	atter o inner j nateria	f each of provided left to paten	the clai by the f tability	ims of th first para as defin	his ap agrap ned ir	plication h of n		
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Addition	al U.S. o	r PCT interna	tional app	licatio	n numbe	rs are list	ed on a s	upp]	lemental p	priority	data sheet	PTO/S	B/02B at	ttache	d hereto.		
As a named in following regi- connected the	stered pra	ectitioner(s) to	nt, respection prosecuted Practitions OR Registered	this a	pplication	on and to	transact a	all b	usiness in	nt(s) w the Ui	vith full por nited States	wer of so Patent	ubstitutio and Trac	on and demar	l revocation, t k Office	he	
	Nam				Registra	ation				Nar	me			F	Registration Number		
Alysia A. Finne	egan			48,87	Numl 8	oer	JoAi	nne	M. Gies	ser			3:	2,838			
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Direct all co	rrespond	lence to: X	Custon	ner N	umber	000	0210										
Name	Alysia .	A. Finnegan															
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Address	P.O. Bo	ox 2000, R	Y60-30								.						
City	Rahwa	у					State	ate NJ ZIP 0			7065-0	7065-0907					
Country	USA	•	:*		Telep	hone	(732)594	(2)594-2583 Fax					(732)594-4720				
belief are be the like so n	elieved to nade are	all statement be be true; and punishable ly alidity of th	d further by fine o	that th	hese stat isonmet	tements nt, or bo	were ma th, unde	ide y r 18	with the I BU.S.C.	knowl	ledge that	willful	false st	ateme	ents and		
Name of Sole	or First	Inventor:						Аp	etition h	as bee	n filed for	r this u	nsigned	inve	ntor		
	iven N	ame (first a	nd midd	le [if	any])					F	amily Na	ime or	Surna	me			
Janine T.							Bry	an							**		
Inventor's Signature		Janine	1 R	<u>ک</u> کم	\bigcirc	· · · · · ·	 ,	Date -					Sept 2004				
Residence: City	Furl	ong		0	State	PA	C	ou	ntry US	3		Citize	enship	us			
Mailing Address		Merck Reso	earch Lal	oorato	ries, Su	mneytov	wn Pike,	P.C	D. Box 4						.=-		
City		West Point					Sta	te	PA	ZIP	19486		Coun	try	U.S.A.		
Addition	al invento	ors are being r	named on	thel	supp	lemental	Addition	al In	ventors(s)) sheet((s) PTO/SE	3/02A at	tached h	ereto.			

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition			A petition has been filed for this unsigned inventor													
Give	n Na	me (first and middle [if	any])			Family Name or Surname										
Michelle K.	В	Brownlow														
Inventor's Signature				Date												
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Mailing Address		Merck Research Laborato	n Pik	Pike, P.O. Box 4												
City		West Point		Stat	e P	Α	ZI	P 19	486			Counti	ry I	J.S.A	1 .	
		oint Inventor, if any:				A pe	titior	has				unsigne		vento	or	
Give	n Na	me (first and middle [if	any])		-	Family Name or Surname										
Loren D.					S	chultz										
Inventor's Signature						•			D	ate		<u></u>				
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Mailing Address		Merck Research Laborate	ories, Su	mneytov	n Pil	Pike, P.O. Box 4										
City		West Point	State P		PA	A ZIP 19486			186	Country			U.S.	Α.		
Name of Addition	nal J	oint Inventor, if any:		A petition has been filed for this unsigned inventor										or		
Give	n Na	ame (first and middle [i	f anyl) Family Name or Surname													
Kathrin U.				Jansen												
Inventor's Signature							.		r	ate						
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Mailing Address		Merck Research Laborat	ories, Su	mneyto	vn Pi	ke, P.O.	Box	4				т				
City		West Point			St	ate PA		ZII	P 194	186		Count	try	U.S	.A.	
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